Amendments to the Specification

Please replace the paragraph beginning at page 6, line 17, with the following paragraph:

Figures 1A-1B and 1C-1D. Competitive radioligand binding to human PTH/PTHrp receptors stably expressed in LLC-PK1 cells. LLC-PK1 cells stably expressing (Figures 1A-1B) 950,000 receptors/cell (HKRK B7) or (Figures 1C-1D ~~1B~~) 280,000 receptors/cell (HKRK B28) were incubated with ^{125}I-[Nle^{8,18},Tyr^{34}]bPTH(1-34) in binding buffer for 6 hr at 15°C in the presence or absence of increasing concentrations of nonradioactive ligand. Scatchard plots are shown in the insets. Each point represents the mean ± of triplicate determinations. Total radioligand bound ranged from 15,000-30,000 cpm/well, and nonspecific binding was 2-5 % of total binding.

Please replace the paragraph beginning on page 17, line 23, with the following paragraph:

Radioligand competition assays and Scatchard analyses for two representative cell lines, HKRK B7 and HKRK B28, which express 950,000 and 280,000 hPTHRs per cell, respectively, are shown in Figures 1A-1D. Scatchard analysis of the all of the selected cell lines demonstrated a range of PTHR expression from 90,000 to 1,000,000 sites per cell, with apparent K_d's between 1 and 7 nM (Table 1). In each case, the Scatchard analysis was linear, consistent with a single class of high affinity binding sites. The subsequent example described below was conducted with two cell lines, which were

chosen as representative of those expressing relatively high (HKRK B7) and low (HKRK B28) densities of hPTHRs, respectively.